

What the invention claimed is:

1. A paper currency collection detection arrangement used in an automatic vending machine and adapted for detecting the amount of collected paper currency and controlling power supply
5 subject to the detection, comprising a paper currency receiving unit adapted for receiving paper currency, said paper currency receiving unit comprising a paper currency holding down mechanism adapted for holding received paper currency and push receiving paper currency backwards to a paper currency collection cabinet, a paper
10 currency collection cabinet fastened to said paper currency receiving unit and adapted for collecting received paper currency, said paper currency collection cabinet comprising a back open side aimed at the paper currency holding down mechanism of said paper currency receiving unit, a front cover, a pressure board moved
15 between said back open side and said front cover and adapted for supporting received paper currency against said paper currency holding down mechanism, and a plurality of spring members supported between said front cover and said pressure board, and a detection unit installed in said paper currency receiving unit below
20 said paper currency collection cabinet and adapted for verifying the authenticity of received paper currency, wherein:

said paper currency collection cabinet comprises a bottom panel, a bottom track on the inside at said bottom panel, a sensor

hole through said bottom panel, a spring-supported slide inserted into said bottom track and moved with said pressure board to close/open said sensor hole;

said detection unit comprises a sensor means controlled to
5 emit signal to said sensor hole and adapted for cutting off power supply when said slide blocked said sensor hole.

2. The paper currency collection detection arrangement as claimed in claim 1, wherein the spring members supported between said front cover and said pressure board are spiral springs.

10 3. The paper currency collection detection arrangement as claimed in claim 1, wherein said paper currency receiving unit comprises a plurality of coupling holes bilaterally disposed at a back side thereof; said paper currency collection cabinet comprises a plurality of coupling rods symmetrically disposed at two opposite
15 lateral sides thereof and respectively coupled to the coupling holes of said paper currency receiving unit.

4. The paper currency collection detection arrangement as claimed in claim 1, wherein said coupling holes of said paper currency receiving unit are L-shaped holes.